

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(for new nonprovisional applicants under 37 CFR 1.53(b))



PTO  
U.S.  
10/05/01  
10/29/01

Attorney Docket No.	1070-P02889US1	Total Pages	42
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First Named Inventor or Application Identifier

GRAVES, David J.

Title: NOVEL METHOD TO ENHANCE MICROARRAY SURFACE DENSITY AND HYBRIDIZATION EFFICIENCY

Express Mail Label No.	EL676442795US	Date Mailed October 29, 2001
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**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

<b>1. [X]</b> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i>		<b>6. [ ]</b> Microfiche Computer Program (Appendix)
<b>2. [X]</b> Specification <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R&amp;D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		<b>7. [ ]</b> Nucleotide and/or Amino Acid Sequence Submission <i>(If applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. [ ] Computer Readable Copy</li> <li>b. [ ] Paper Copy (identical to computer copy)</li> <li>c. [ ] Statement verifying identity of above copies</li> </ul>
<b>3. [X]</b> Drawing(s) (35 USC 113) <b>4. [ ]</b> Oath or Declaration		<b>8. [ ]</b> Assignment Papers (cover sheet & document(s))
		<b>9. [ ]</b> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney
		<b>10. [ ]</b> English Translation Document ( <i>if applicable</i> )
		<b>11. [ ]</b> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
<b>5. [ ]</b> Incorporation By Reference ( <i>useable if Box 4b is checked</i> ) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference thereto.		<b>12. [ ]</b> Preliminary Amendment
		<b>13. [X]</b> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
		<b>14. [X]</b> Applicant Claims Small Entity Status
		<b>15. [ ]</b> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
		<b>16. [ ]</b> Other: _____

17. a. If a CONTINUING APPLICATION, check appropriate box and supply requisite information.

Continuation     Divisional     Continuation-in-part (CIP)

of the following application(s), each of which is hereby incorporated herein by reference:

## b. Priority Applications

In addition to any applications listed in 17a, the present application also claims priority to the following application(s), each of which is hereby incorporated herein by reference.

60/244,110 filed October 27, 2000

## 18. CORRESPONDENCE ADDRESS

[X] Customer Number 000110 or  
**DANN, DORFMAN, HERRELL AND SKILLMAN, P.C.**

1601 Market Street, Suite 720  
 Philadelphia, PA 19103-2307

Phone (215) 563-4100

Facsimile (215) 563-4044

to the attention of the individual identified below.

Patrick J. Hagan  
 PTO Registration No. 27,643

# FEE TRANSMITTAL

TOT. AMT. OF PAYMENT. (1)+(2)+(3) = \$ 370.00

*Complete if known*

Application Number Not yet assigned

Filing Date October 29, 2001

First Named Inventor GRAVES, David J.

Group Art Unit

Examiner Name

Attorney Docket Number 1070-P02689US1

## METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to:

- Charge indicated fees
- Charge additional fees
- Credit overpayments

to the account of DANN, DORFMAN, HERRELL, AND SKILLMAN

Deposit Account Number 04-1406

2. Payment enclosed:

Checks in the amount of \$ 370.00

Check No. 1070-P02689US1

## FEE CALCULATION

### 1. FILING FEE

Fee Description	Fee Paid
Utility filing fee	<u>370.00</u>
Design filing fee	_____
Plant filing fee	_____
Reissue filing fee	_____
Provisional filing fee	_____
<b>SUBTOTAL (1)</b>	<b>\$ <u>370.00</u></b>

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Description	Fee Paid
Surcharge - late filing fee or oath	_____
Surcharge - late provisional filing fee or cover sheet	_____
Non-English specification	_____
For filing a request for reexamination	_____
Requesting publication of SIR prior to Examiner action	_____
Requesting publication of SIR after Examiner action	_____
Extension for response within first month	_____
Extension for response within second month	_____
Extension for response within third month	_____
Extension for response within fourth month	_____
Notice of Appeal	_____
Filing a brief in support of an appeal	_____
Request for oral hearing	_____
Petition to institute a public use proceeding	_____
Petition to revive unavoidably abandoned application	_____
Petition to revive unintentionally abandoned application	_____
Issue fee	_____
Petitions to the Commissioner	_____
Petitions related to provisional applications	_____
Submission of Information Disclosure Stmt.	_____
Recording each patent assignment per property (times number of properties)	_____
Filing a submission after final rejection (37 CFR 1.129(a))	_____
For each additional invention to be examined (37 CFR 1.129(b))	_____
Other fee (specify) <u>Advance Order (10 copies)</u>	_____
Other fee (specify) _____	_____

### 2. CLAIMS

Extra Fee Fee Paid

Total Claims Presented 14 - 20 - 0 x 9.00 = 0  
(a)

Independent Claims

Presented 3 - 3 = 0 x 42.00 = 0  
(b)

Multiple Dependent Claim  
(first presentation) \_\_\_\_\_ = 0

(a) Enter 20 or number previously paid for  
(b) Enter 3 or number previously paid for

**SUBTOTAL (2)** \$ 0

**SUBTOTAL (3)** \$ 0

Submitted By:

Typed or

Printed Name Patrick J. Hagan

Reg. Number 27,543

Signature Patrick J. Hagan

Date October 29, 2001

Deposit Account User ID

04-1406